

CRF Errors Corrected by the STIC Systems Branch

OPE

0200

Serial Number: 09/518383CRF Processing Date: 3/22/2000
Edited by: A
Verified by: A (STIC staff)

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:
ENTERED

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____.

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 1

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____.

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

Other:

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

Input Set: I518383.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

1 <110> APPLICANT: Li, Yi
2 Ruben, Steven M.
3 <120> TITLE OF INVENTION: Human G-Protein Coupled Receptors
4 <130> FILE REFERENCE: 1488.1220001
5 <140> CURRENT APPLICATION NUMBER: US/09/518,383
6 <141> CURRENT FILING DATE: 2000-03-03
7 <150> EARLIER APPLICATION NUMBER: 08/852,824
8 <151> EARLIER FILING DATE: 1997-05-07
9 <160> NUMBER OF SEQ ID NOS: 18
10 <170> SOFTWARE: PatentIn Ver. 2.0
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14 <213> ORGANISM: genomic
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21 ttaaaaggaa aataccagat gccactctgc aggctgcaat aactaactact tactggatac 180
22 attcaaacc ccc tccagaatca acagttatca ggtaaccaac aagaa atg caa gcc gtc 237
23 Met Gln Ala Val
24 1
25 gac aat ctc acc tct gcg cct ggg aac acc agt ctg tgc acc aga gac 285
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30 25 30 35
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39 70 75 80
40 gcc aaa ctg gga aca gga cca ctg aga act ttt gtg tgt caa gtt acc 525
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42 85 90 95 100
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Input Set: I518383.RAW

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50	Ser Asn Pro Lys Asn Leu Leu Gly Ala Lys Ile Leu Ser Val Val Ile			
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58	gag ttc ggt cta gtc tgg cat gaa ata gta aat tac atc tgt caa gtc			813
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67	gtc ccc agg aaa aag gtg aac gtc aaa gtt ttc att atc att gct gta			957
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79	ctg gat ccg ttc atc tat ttt ttc ctt tgc aag tcc ttc aga aat tcc			1149
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82	ttg ata agt atg ctg aag tgc ccc aat tct gca aca tct ctg tcc cag			1197
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84	310	315	320	
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91	tgactctaaa gaaacagaag attacaaaag caattttcat ttaccttcc agtatgaaaa	1421		
92	gctatcttaa aatatagaaa actaatctaa actgttagctg tattagcgc aaaacaaacg	1481		
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Input Set: I518383.RAW

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103 cactgacact tacctttattt aattagcttc tagaaaatag ctgctaatta ggttaatgaa 2081
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116 Thr Val Leu Phe Phe Val Gly Leu Ile Thr Asn Gly Leu Ala Met Arg
117 35 40 45
118 Ile Phe Phe Gln Ile Arg Ser Lys Ser Asn Phe Ile Ile Phe Leu Lys
119 50 55 60
120 Asn Thr Val Ile Ser Asp Leu Leu Met Ile Leu Thr Phe Pro Phe Lys
121 65 70 75 80
122 Ile Leu Ser Asp Ala Lys Leu Gly Thr Gly Pro Leu Arg Thr Phe Val
123 85 90 95
124 Cys Gln Val Thr Ser Val Ile Phe Tyr Phe Thr Met Tyr Ile Ser Ile
125 100 105 110
126 Ser Phe Leu Gly Leu Ile Thr Ile Asp Arg Tyr Gln Lys Thr Thr Arg
127 115 120 125
128 Pro Phe Lys Thr Ser Asn Pro Lys Asn Leu Leu Gly Ala Lys Ile Leu
129 130 135 140
130 Ser Val Val Ile Trp Ala Phe Met Phe Leu Leu Ser Leu Pro Asn Met
131 145 150 155 160
132 Ile Leu Thr Asn Arg Gln Pro Arg Asp Lys Asn Val Lys Lys Cys Ser
133 165 170 175
134 Phe Leu Lys Ser Glu Phe Gly Leu Val Trp His Glu Ile Val Asn Tyr
135 180 185 190
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137 195 200 205
138 Tyr Thr Leu Ile Thr Lys Glu Leu Tyr Arg Ser Tyr Val Arg Thr Arg
139 210 215 220
140 Gly Val Gly Lys Val Pro Arg Lys Lys Val Asn Val Lys Val Phe Ile
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Input Set: I518383.RAW

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150 Phe Arg Asn Ser Leu Ile Ser Met Leu Lys Cys Pro Asn Ser Ala Thr
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171 Gly His Ser Arg Leu Ile Val Leu His Tyr Asn His Ser Gly Arg Leu
172 20 25 30 35
173 gcc ggg cgc ggg ccg gag gat ggc ggc ctg ggg gcc ctg cgg ggg 202
174 Ala Gly Arg Gly Pro Glu Asp Gly Leu Gly Ala Leu Arg Gly
175 40 45 50
176 ctg tcg gtg gcc gcc agc tgc ctg gtg ctg gag aac ttg ctg gtg 250
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179 ctg gcg gcc atc acc agc cac atg cgg tcg caa cgc tgg gtc tac tat 298
180 Leu Ala Ala Ile Thr Ser His Met Arg Ser Gln Arg Trp Val Tyr Tyr
181 70 75 80
182 tgc ctg gtg aac att acg atg agt gac ctg ctc acg ggc gcg gcc tac 346
183 Cys Leu Val Asn Ile Thr Met Ser Asp Leu Leu Thr Gly Ala Ala Tyr
184 85 90 95
185 ctg gcc aac gtg ctg ctg tcg ggg gcc cgc acc ttc cgt ctg gcg ccc 394
186 Leu Ala Asn Val Leu Leu Ser Gly Ala Arg Thr Phe Arg Leu Ala Pro
187 100 105 110 115
188 gcc cag tgg ttc cta cgg aag ggc ctg ctc ttc acc gcc ctg gcc gcc 442
189 Ala Gln Trp Phe Leu Arg Lys Gly Leu Leu Phe Thr Ala Leu Ala Ala
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194 gtg cgg ccg gtg gcc gag agc ggg gcc acc aag acc agc cgc gtc tac 538

Input Set: I518383.RAW

Input Set: I518383.RAW

Line ? Error/Warning

Original Text

90 W Invalid/Missing Amino Acid Numbering

Input Set: I518383.RAW

PREVIOUSLY ERRORED SEQUENCES-EDITED

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19 Tyr Lys Ile Thr Gln Val Leu Phe Pro Leu Leu Tyr Thr Val Leu Phe
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29 70 75 80
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32 85 90 95 100
33 tcc gtc ata ttt tat ttc aca atg tat atc agt att tca ttc ctg gga 573
34 Ser Val Ile Phe Tyr Phe Thr Met Tyr Ile Ser Ile Ser Phe Leu Gly
35 105 110 115
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38 120 125 130
39 tcc aac ccc aaa aat ctc ttg ggg gct aag att ctc tct gtt gtc atc 669
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41 135 140 145
42 tgg gca ttc atg ttc tta ctc tct ttg cct aac atg att ctg acc aac 717
43 Trp Ala Phe Met Phe Leu Leu Ser Leu Pro Asn Met Ile Leu Thr Asn
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45 agg cag ccg aga gac aag aat gtg aag aaa tgc tct ttc ctt aaa tca 765
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47 165 170 175 180

48 gag ttc g cta gtc tgg cat gaa ata gta a tac atc tgt caa gtc 813
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50 185 190 195

Input Set: I518383.RAW

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54 aca aaa gaa ctg tac cgg tca tac gta aga acg agg ggt gta ggt aaa 909
55 Thr Lys Glu Leu Tyr Arg Ser Tyr Val Arg Thr Arg Gly Val Gly Lys
56 215 220 225
57 gtc ccc agg aaa aag gtg aac gtc aaa gtt ttc att atc att gct gta 957
58 Val Pro Arg Lys Lys Val Asn Val Lys Val Phe Ile Ile Ala Val
59 230 235 240
60 ttc ttt att tgt ttt gtt cct ttc cat ttt gcc cga att cct tac acc 1005
61 Phe Phe Ile Cys Phe Val Pro Phe His Phe Ala Arg Ile Pro Tyr Thr
62 245 250 255 260
63 ctg agc caa acc cgg gat gtc ttt gac tgc act gct gaa aat act ctg 1053
64 Leu Ser Gln Thr Arg Asp Val Phe Asp Cys Thr Ala Glu Asn Thr Leu
65 265 270 275
66 ttc tat gtg aaa gag agc act ctg tgg tta act tcc tta aat gca tgc 1101
67 Phe Tyr Val Lys Glu Ser Thr Leu Trp Leu Thr Ser Leu Asn Ala Cys
68 280 285 290
69 ctg gat ccg ttc atc tat ttt ttc ctt tgc aag tcc ttc aga aat tcc 1149
70 Leu Asp Pro Phe Ile Tyr Phe Phe Leu Cys Lys Ser Phe Arg Asn Ser
71 295 300 305
72 ttg ata agt atg ctg aag tgc ccc aat tct gca aca tct ctg tcc cag 1197
73 Leu Ile Ser Met Leu Lys Cys Pro Asn Ser Ala Thr Ser Leu Ser Gln
74 310 315 320
75 gac aat agg aaa aaa gaa cag gat ggt ggt gac cca aat gaa gag act 1245
76 Asp Asn Arg Lys Lys Glu Gln Asp Gly Gly Asp Pro Asn Glu Glu Thr
77 325 330 335 340
78 cca atg taaacaaatt aactaaggaa atattcaat ctctttgtgt tcagaactcg 1301
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81 ttaaagcaaa gcgctaagta aaaatattaa ctgacgaaga agcaactaag ttaataataa 1361
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PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/518,383DATE: 03/22/2000
TIME: 16:24:29

Input Set: I518383.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

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2 Ruben, Steven M.
3 <120> Human G-Protein Coupled Receptors
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5 <140> US/09/518,383
6 <141> 2000-03-03
7 <150> 08/852,824
8 <151> 1997-05-07
9 <160> 18
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*Does Not Comply
Corrected Diskette Needed*

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36 55 60 65
37 tct gat ctt ctc atg att ctg act ttt cca ttc aaa att ctt agt gat 477
38 Ser Asp Leu Leu Met Ile Leu Thr Phe Pro Phe Lys Ile Leu Ser Asp
39 70 75 80

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PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/518,383DATE: 03/22/2000
TIME: 16:24:29

Input Set: I518383.RAW

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44	Ser Val Ile Phe Tyr Phe Thr Met Tyr Ile Ser Ile Ser Phe Leu Gly	
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46	ctg ata act atc gat cgc tac cag aag acc acc agg cca ttt aaa aca	621
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48	120 125 130	
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61	att ttc tgg att aat ttc tta att gtt att gta tgt tat aca ctc att	861
62	Ile Phe Trp Ile Asn Phe Leu Ile Val Ile Val Cys Tyr Thr Leu Ile	
63	200 205 210	
64	aca aaa gaa ctg tac cgg tca tac gta aga acg agg ggt gta ggt aaa	909
65	Thr Lys Glu Leu Tyr Arg Ser Tyr Val Arg Thr Arg Gly Val Gly Lys	
66	215 220 225	
67	gtc ccc agg aaa aag gtg aac gtc aaa gtt ttc att atc att gct gta	957
68	Val Pro Arg Lys Lys Val Asn Val Lys Val Phe Ile Ile Ile Ala Val	
69	230 235 240	
70	ttc ttt att tgt ttt gtt cct ttc cat ttt gcc cga att cct tac acc	1005
71	Phe Phe Ile Cys Phe Val Pro Phe His Phe Ala Arg Ile Pro Tyr Thr	
72	245 250 255 260	
73	ctg agc caa acc cgg gat gtc ttt gac tgc act gct gaa aat act ctg	1053
74	Leu Ser Gln Thr Arg Asp Val Phe Asp Cys Thr Ala Glu Asn Thr Leu	
75	265 270 275	
76	ttc tat gtg aaa gag agc act ctg tgg tta act tcc tta aat gca tgc	1101
77	Phe Tyr Val Lys Glu Ser Thr Leu Trp Leu Thr Ser Leu Asn Ala Cys	
78	280 285 290	
79	ctg gat ccg ttc atc tat ttt ttc ctt tgc aag tcc ttc aga aat tcc	1149
80	Leu Asp Pro Phe Ile Tyr Phe Phe Leu Cys Ser Phe Arg Asn Ser	
81	295 300 305	
82	ttg ata agt atg ctg aag tgc ccc aat tct gca aca tct ctg tcc cag	1197
83	Leu Ile Ser Met Leu Lys Cys Pro Asn Ser Ala Thr Ser Leu Ser Gln	
84	310 315 320	
85	gac aat agg aaa aaa gaa cag gat ggt ggt gac cca aat gaa gag act	1245
86	Asp Asn Arg Lys Lys Glu Gln Asp Gly Gly Asp Pro Asn Glu Glu Thr	
87	325 330 335 340	
88	cca atg taaacaaatt aactaaggaa atattcaat ctctttgtgt tcagaactcg	1301
89	Pro Met	

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/518,383DATE: 03/22/2000
TIME: 16:24:29

Input Set: I518383.RAW

W--> 90 ttaaagcaaa gcgctaagta aaaatattaa ctgacgaaga agcaactaag ttaataataa 1361
91 tgactctaaa gaaacagaag attacaaaag caatttcat ttaccttcc agtatgaaa 1421
92 gctatctaa aatatagaaa actaatctaa actgttagctg tattagcagc aaaacaaacg 1481
93 acatccaatt gtcatgctgc atgcaaaact acacagaatt catgtttgg cagagtttg 1541
94 gcaaaatgag taatcatata atatctactg taatttttaa aatacattat cgttcacaat 1601
95 tttattttt cataatcaac taaggaagaa cgatcaattt gatataatct tcttaccaa 1661
96 aatgatagtt aaaatgtata tatatcctag tcccctaacc aaatcctgac ctattggat 1721
97 acttataaaa atttaagtaa gtgggataca caaagaataa taactattaa cttttcatta 1781
98 ttagccaaaa acctaaggaa tttaaactaa ttgaaactgt atttgattgg acttaatttt 1841
99 ttatgtttat ttagaagata aagatthaag aagaccttta caataaagag aagaaatatc 1901
100 gaagtcatca aaataaggag acttactttt atgacattct aatactaaaa aatataaaaa 1961
101 tatttcctta attcttagaga aactagttt actaattttt tacaacttca ataataccat 2021
102 cactgacact tacctttatt aattagcttc tagaaaaatag ctgctaatta gttatgaa 2081
103 cattttacct tagtggaaaaaa aaattaatta aatatgatta caaaggcga cagcataact 2141
104 actgagagga aagtgattga tctgttgta attacttgtt tgtattggtg tgtataaaaat 2201
105 acaaatttac attaaactct aaatcattaa aaaaaaaaaa aaaaaaa 2248
E--> 106

2247

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VERIFICATION SUMMARY
PATENT APPLICATION US/09/518,383

DATE: 03/22/2000

TIME: 16:24:29

Input Set: I518383.RAW

Line ? Error/Warning

Original Text

90 W Invalid/Missing Amino Acid Numbering

106 E Number of Bases conflict w/ Running Total acaaatttac attaaactct aaatcattaa aaaaaaaaa